

Nevena I Petkova

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	Tandem Michael-type Reactions with 3-Substituted Coumarins: Phosphorylation Protocol. <i>ChemistrySelect</i> , 2020, 5, 7098-7103.	1.5	1
2	Bioorthogonal Labeling Reveals Different Expression of Glycans in Mouse Hippocampal Neuron Cultures during Their Development. <i>Molecules</i> , 2020, 25, 795.	3.8	3
3	Substituted coumarins as ambident nucleophiles in one-pot hydrogenation/alkylation reaction. <i>Chemical Papers</i> , 2020, 74, 2627-2634.	2.2	3
4	Synthesis and Chemical Properties of 3-Phosphono-coumarins and 1,2-Benzoxaphosphorins as Precursors for Bioactive Compounds. <i>Molecules</i> , 2019, 24, 2030.	3.8	13
5	Computational elucidation of the reaction mechanism for synthesis of pyrrolidinedione derivatives via Nef-type rearrangement-cyclization reaction. <i>RSC Advances</i> , 2018, 8, 3178-3188.	3.6	4
6	Ultrasound-Assisted Metal-Mediated Method for the Formation of Tetrahydro-3,3-Disubstituted Biscoumarins. <i>Molecules</i> , 2018, 23, 2810.	3.8	4
7	Ultrasound-Assisted Conjugate Addition of Organometallic Reagents to 3-Diethylphosphonocoumarin. <i>Synlett</i> , 2016, 27, 2676-2680.	1.8	5
8	Theoretical and Experimental Local Reactivity Parameters of 3-Substituted Coumarin Derivatives. <i>Journal of Physical Chemistry A</i> , 2014, 118, 11062-11073.	2.5	5
9	Ring Opening Reactions of 3-Phosphonocoumarin Under Michael Reaction Conditions. <i>Phosphorus, Sulfur and Silicon and the Related Elements</i> , 2012, 187, 39-50.	1.6	11
10	A New and Efficient Method for the Synthesis of 3,4-Disubstituted Pyrrolidine-2,5-diones. <i>Molecules</i> , 2012, 17, 4936-4949.	3.8	12
11	Crystal Structure and Spectroscopic Properties of (2-oxo-2H-chromen-3-yl)phosphonic Acid Monoethyl Ester Trihydrate. <i>Phosphorus, Sulfur and Silicon and the Related Elements</i> , 2011, 186, 1626-1634.	1.6	1
12	Synthesis of heterocyclic methylenebisphosphonates by 1,3-dipolar cycloaddition of ethyl diazoacetate to 1,2-benzoxaphosphorin-3-phosphonates. <i>Tetrahedron</i> , 2009, 65, 1639-1647.	1.9	18
13	Esters of 1-coumarinylbenzylphosphonic acid-IR-spectroscopic and theoretical elucidation. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2009, 72, 280-284.	3.9	2
14	Substituted Esters of Coumarin-3-phosphonic Acid-Linear-Polarized IR-Spectroscopic Elucidation. <i>Phosphorus, Sulfur and Silicon and the Related Elements</i> , 2008, 183, 2998-3012.	1.6	2
15	Influence of BH ₃ and alkaline cation released from the reduction agent on a tandem reduction/acylation reaction-A computational study. <i>International Journal of Quantum Chemistry</i> , 2007, 107, 1814-1825.	2.0	1
16	Hydrogenation/Regioselective Acylation Reaction of Diethyl Coumarin-3-phosphonate With NaBH ₄ /Acid Anhydrides: A New One-Pot Tandem Reaction. <i>Synthetic Communications</i> , 2006, 36, 509-524.	2.1	18
17	Theoretical elucidation of the regioselectivity in a tandem 1,4-hydride addition/acylation of diethylphosphonocoumarin. <i>Computational and Theoretical Chemistry</i> , 2006, 759, 177-187.	1.5	6
18	A new and efficient method for conjugate addition of trialkylphosphites to 3-acylsubstituted coumarins. <i>Tetrahedron</i> , 2004, 60, 10335-10342.	1.9	25

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19	A Convenient Synthesis of Esters of β^2 -Phenylglutamic Acid Under Aqueous Conditions. Synthetic Communications, 2003, 33, 3661-3670.	2.1	4
20	Current attempt on the transformations of coumarinyl-1,2-epoxyphosphonates. Phosphorus, Sulfur and Silicon and the Related Elements, 0, , 1-5.	1.6	0